

06/03

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	To be assigned- 10/607,082
				Filing Date	June 25, 2003
				First Named Inventor	Jeremy Myles
				Art Unit	To be assigned 2882
				Examiner Name	To be assigned MAC
Sheet	1	of	2	Attorney Docket Number	5513P012

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number	Publication Date Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
		US-			
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.†	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code‡	Number* - Kind Code* (if known)				

Examiner Signature		Date Considered	6/11/03
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Based on PTO/SB/08A (05-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 05/02/2003.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	To be assigned 14607082
				Filing Date	June 25, 2003
				First Named Inventor	Jeremy Myles
				Art Unit	To be assigned 2882
				Examiner Name	To be assigned Kao
Sheet	2	of	2	Attorney Docket Number	5513P012

Examiner Signature		Date Considered	4/11/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number 10/607,082
 Filing Date June 25, 2003
 First Named Inventor: Jeremy R. Myles
 Art Unit 2882
 Examiner Name TBA Kao
 Attorney Docket Number 5513.P012

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ² (if known)					
A		US-	3,133,227	5/12/1964	Brown et al.	cl	sub
		US-	3,193,717	7/6/1965	Nunan		
		US-	4,209,706	6/24/1980	Nunan		
		US-	4,726,046	2/16/1988	Nunan		
		US-	5,471,516 5,471,516	11/28/1995	Nunan		
		US-	6,508,586	1/21/03 → 1/1/2003	Oota		
		US-	6,429,578	8/6/02 → 8/1/2002	Danielson et al.		
		US-	6,325,537	12/4/01 → 12/1/2001	Watanabe		
		US-	6,307,914	10/23/01 → 10/1/2001	Kunieda et al.		
		US-	6,104,780	8/15/00 → 8/1/2000	Hanover et al.		
		US-	6,031,888	2/29/00 → 2/1/2000	Ivan et al.		
		US-	5,751,781	5/12/98 → 5/1/1998	Brown et al.		
		US-	5,537,452	7/16/96 → 7/1/1996	Sheepard et al.		
		US-	5,394,452	2/28/95 → 2/1/1995	Swerdloff et al.		
	A		US-	6,144,875	11/7/2000	Schweikard et al.	

L Shepherd et al.

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		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
A		EP	0480035 B1	11-9-1994	Hara	cl sub	N

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				Application Number	10/607,082	
				Filing Date	June 25, 2003	
				First Named Inventor:	Jeremy R. Myles	
				Art Unit	2882	
				Examiner Name	IDA Kam	
				Attorney Docket Number	5513P012	
Sheet	2	5513.P012	9			
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		US-	4,149,247	4/10/1979	Pavkovich et al.	cl sub
		US-	4,149,248	4/10/1979	Pavkovich et al.	
		US-	5,099,505	3/24/1992	Seppi et al.	
		US-	5,117,445	5/26/1992	Seppi et al.	
		US-	5,168,532	12/1/1992	Seppi et al.	
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		US-	6,385,286	5/7/2002	Fitchard et al.	
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Substitute for Form 1449A/PTO (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/607,082
				Filing Date	June 25, 2003
				First Named Inventor:	Jeremy R. Myles
				Group Art Unit	2882
Examiner Name	TBA Kao				
Sheet	3	of	9	Attorney Docket Number	5513.P012

OTHER ART - NO PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		T ²
ek		BALTER, James M. et al., "Daily Targeting of Intrahepatic Tumors for Radiotherapy," Int. J. Radiation Oncology Biol. Phys., vol. 52, no. 1 (2002), pp. 266-271		
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

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				Application Number	10/607,082
				Filing Date	June 25, 2003
				First Named Inventor:	Jeremy R. Myles
				Group Art Unit	2882
Examiner Name	Eda Kao				
Sheet	4	of	9	Attorney Docket Number	5513.P012
OTHER ART - NO PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
		PISANI, Laura, M.S. et al., "Setup Error in Radiotherapy: On-line Correction Using Electronic Kilovoltage and Megavoltage Radiographs," Int. J. Radiation Oncology Biol. Phys., vol. 47, no. 3 (2000), pp. 825-839			
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				Application Number	10/607,082
				Filing Date	June 25, 2003
				First Named Inventor:	Jeremy R. Myles
				Art Unit	2882
				Examiner Name	TBA K90
Sheet	5	5513P012	9	Attorney Docket Number	5513P012
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
		RAGAN, "Correction for Distortion in a Beam Outline Transfer Device in Radiotherapy CT-Based Simulation", Med. Phys. 20 (1), Jan/Feb 1993, pgs. 179-185.			
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		REYNOLDS, "An Algorithm for Three-Dimensional Visualization of Radiation Therapy Beams", Med Phys., 1988, 1 page.			

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K		MOHAN, "Intersection of Shaped Radiation Beams with Arbitrary Image Sections", Comput Methods Programs Biomed, 1987, 1 page.			
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K		NISHIHARA, "Therapeutic Apparatus", Issued 1991, 2 pages.			
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		"Advanced Workstation for Irregular Field Simulation and Image Matching", Copyright 1999, MDS Nordion, 7 pages.			

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		US-	4,208,675	6/17/1980	Bajon et al.	cl	sub
		US-	4,521,808	6/4/1985	Ong et al.		
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		US-	3,144,552	8/11/1964	Schonberg et al.		
		US-	5,080,100	1/14/1992	Trotel		
		US-					

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		PCT	WO 85/03212 A1	8/1/1985	Michaels	cl	sub	N
		EP	0062941 B1	9/26/1984	De Vogel			
		EP	0205720 A1	12/30/1986	Brahme			
		FR	2 269 745	11/28/1975	Lescrenier			
		FR	2 551 664	3/15/1985	Riviere			N

Examiner Signature	Date Considered 4/11/05
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

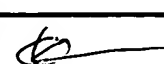
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Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/607,082
				Filing Date	June 25, 2003
				First Named Inventor:	Jeremy R. Myles
				Art Unit	2882
				Examiner Name	TBA K90
				Attorney Docket Number	5513P012
Sheet	8	5513P012	9		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
		US-				
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
						KL 503	
		DE 42 23 488 A1		1/20/1994	Katosh	— — — —	N
		DE 196 14 643 A1		10/16/1997	Brenneisen	— — — —	N
		JP HEI 5[1993]-57028		3/9/1993	Translated JP patent application	— — — —	✓
		GB 1328033		8/22/1973	Philips Electronic Assoc.	— — — —	N

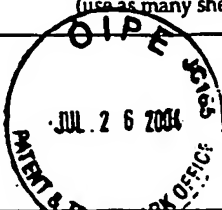
Examiner Signature		Date Considered	4/11/05
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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 005513.P012	Application Number: 10/607,082
	First Named Inventor: Jeremy R. Myles	
	Filing Date: 6/25/03	2882

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		5,027,818		Bova et al.	7/2/91	
		6,325,758		Carol et al.	12/4/01	
		6,370,421		Williams et al.	4/9/02	
		US2001/0001807A1		Green	5/24/01	

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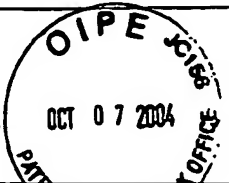
Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³ Code ³	Number ⁴	Kind (If known)				

Examiner Signature		Date Considered	6/11/05
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)	Attorney Docket No.: 005513.P012	Application Number: 10/607,082
	First Named Inventor: Jeremy R. Myles	
	Filing Date: 6/25/03	2882

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (If known)			
<input checked="" type="checkbox"/>		5,956,382		Wiener-Avnear et al.	9/21/99	—
<input checked="" type="checkbox"/>		2003/0007601A1		Jaffray et al.	1/9/03	—

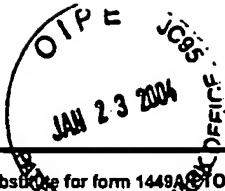
FOREIGN PATENT DOCUMENTS							
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Examiner Signature		Date Considered	11/11/05
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Substitute for form 1449A (Rev. 10) INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known	
			Application Number	10/607,082
			Filing Date	June 25, 2003
			First Named Inventor	Jeremy R. Myles
			Art Unit	To be assigned 2862
			Examiner Name	To be assigned Kao
			Attorney Docket Number	5513P012
Sheet	1	of	1	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number Number - Kind Code* (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AK		US-5,438,991	08-08-1995	Yu et al.	cl sub
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	Foreign Patent Document Country Code* - Number* - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*

Examiner Signature		Date Considered	4/11/05
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Based on PTO/SB/08A (08-03) as modified by Blakely, Sokoloff, Taylor & Zelman (wtr) 08/11/2003.

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